

Application for Permit for Public Display under the Marine Mammal Protection Act

March 12, 1985



III. Sea World, Inc. is a subsidiary of Harcourt Brace Jovanovich, Inc. a publicly owned company. Sea World, Inc. operates marine zooligical parks located in San Diego, California, Aurora, Ohio and Orlando, Florida.

Address all correspondence to:

Lanny H. Cornell, D.V.M. Sea World, Inc. 1720 South Shores Road San Diego, California 92109 (619) 222-6363

IV. A. Number Common & Scientific Name Type

- Pseudorca crassidens, Import/maintain pacific black whale or for public educational display
- B. Sea World, Inc. would like to import to the United States up to six pacific black whales which are either currently maintained or will be maintained by Kamogawa Sea World, Japan. Young adults of either sex are acceptable from approximately 300-400 cm in length and weighing approximately 250-600 kg.
- C. Sea World, Inc. would like to import these animals beginning in May 1985. We request the permit be valid for at least 3 years. The importation would originate either from Kamogawa-City, Tokyo or Fukuoka, Japan, to Sea World, San Diego, California or other Sea World parks.
- D. Pseudorca crassidens has a wide range, encompassing all temperate and tropical seas. They often are involved in mass strandings on the Atlantic side of the United States, from North Carolina south, particularly along the Florida Coast. These animals are also known to be common off the Pacific Coast of the main Japanese island, Honshu, and off Hawaii. They are not endangered or threatened, and more recent information states pacific black whales are not rare within their range.

Information on the population of <u>Pseudorca</u> <u>crassidens</u> was obtained from the following sources:

NOAA Technical Report NMFS Circular 444, July 1982.

Leatherwood, S.L.; Reeves, R.R.; The Sierra Club Handbook of Whales and Dolphins. Sierra Club Books, 1983.

Watson, Lyall; Sea Guide to Whales of the World. New York: E.P. Dutton, 1981.

Further research was conducted with direct reference to the Japanese population with the following results:

According to the Whales Research Institute #23 (Kasuya, Toshio), the <u>Globicephalid</u> whales, consisting of pilot whales, Risso's dolphins and Pseudorca, are 3 to 17

times more abundant than sperm whales. The latter, are censused closely at the direction of the International Whaling Commission. According to the report of the Subcommittee on Sperm Whales (IWC/36/4), the estimated number of "exploitable sperm whales ranges from 62,000 to 87,000 animals. This data would indicate there are considerably more animals in the unexploitable category -- females with calves, pregnant females and younger Thus if Pseudorca are one-third of Globicephalids (Kasuya indicates they are seen 2 to 3 times more often than Grampus and Globicephala and are twice as numerous, with the mean pod size in the range 55 animals), we can extrapolate that population numbers fall in a minimum range of 10,000 to 20,000 animals. This would mean they are at least as abundant as Lagenorhynchus off the southern California coastline.

- E. Not Applicable. Application is for import only.
- F. The animals to be imported are collected in Japan in a lawful and humane manner and in accordance with current Japanese regulations. None are nursing, pregnant or under eight months of age at the time of take.
- V. Of the estimated over 100 million people who annually attend zoos, over seven percent (7 million) attend Sea World parks. From the opening of its first park in San Diego in 1964, Sea World, Inc., has hosted nearly 75 million visitors. In the last 10 years, Sea World has shown an average annual corporate attendance increase of 10.25 percent. Assuming a modest three percent annual increase over the next ten years, annual attendance at the three existing Sea World parks through 1992 will exceed 10 million each year. Past marketing research shows that the largest group of Sea World visitors are young families with children.

In addition to the general public, more than 1.5 million students have participated in Sea World's award winning education programs since their official inception in 1972. The mainstay of the education program in all three parks is a project called "Exploration Breach," five units for all Other programs include: "Underwater Friends" grade levels. in pre-grade 3 levels; youth awards for students Campfire, Scouts and youth groups; career explorations; "Interworlds" for students K-4; in-depth studies for high school and college students (many in cooperation with the University of California-San Diego and San Diego State University) and continuing education units which bring marine science instructors to the classroom. In addition Sea World offers a preceptorship program to upper level veterinary medical students interested in marine and zoological medicine. Additional information is available on request.

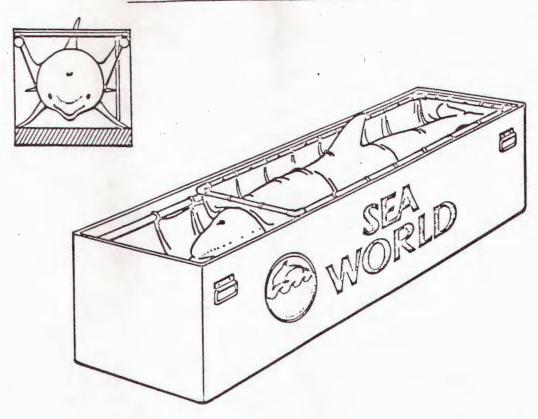
AN INFORMED AND EDUCATED PUBLIC CONSTITUTES THE BEST PROTECTION FOR OUR MARINE MAMMAL RESOURCES.

- VI. This application is not for scientific research.
- VII. A. l. Not applicable
 - Not applicable
 - B. 1. Not applicable
 - Not applicable
 - 3. During transport the animals will be supported by specially designed material stretchers, foam rubber, and water in transport units constructed of fiberglass over plywood. The units are water tight and measure a minimum of 12' long, 3' wide and 3' high.

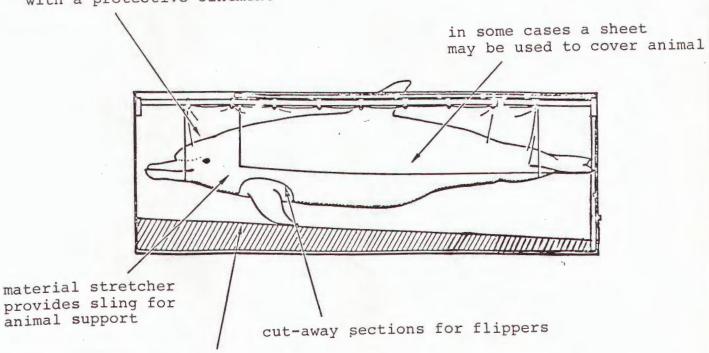
See Attachment A, p. 6.

4. The animals will be transported by truck and charter or commercial airlines from Japan to one of the permanent Sea World marine zoological parks. It is anticipated that the length of time in transit will be 35 hours or less.

Small Cetacean Transport Unit



body may be covered with a protective ointment



foam rubber or other similar material may be used for support or padding

Special care during the entire transport will include:

- a) Insuring even weight distribution with slings, foam padding, etc.
- b) Use of moisture, water, ointments, etc. to prevent drying as needed.
- c) Protection from excess sunlight through cooling techniques.
- d) Insuring adequate ventilation.
- e) Fasting animals as needed to prevent fecal soiling and motion sickness.
- 5. The animals will be transported in a manner which includes supervision by one or more Sea World veterinary medical/curatorial staff attendants experienced in transporting marine mammals. The names of some of these individuals and the years of experience of each are given below:

Sea World, Inc.

Sea World, San Diego 1720 So. Shores Rd. San Diego, California 92109

> Lanny H. Cornell, D.V.M. Vice President/Zoological Director Sea World Enterprises, Inc. 19 years of experience with marine mammals

> Donald Goldsberry Corporate Director of Collecting 26 years of experience with marine mammals

> James E. Antrim, B.S. Curator of Mammals 11 years of experience with marine mammals

Thomas A. Goff, B.S. Assistant Curator of Mammals 9 years of experience with marine mammals

Dee Cross Supervisor of Animal Care 10 years of experience with marine mammals

Gary Albrechtsen, A.A.
Senior Animal Care Specialist
10 years of experience with marine mammals

Santos Cazares Senior Animal Care Specialist 12 years of experience with marine mammals

Marilyn Dudley Senior Animal Care Specialist 8 years of experience with marine mammals

Mike Glenn Senior Animal Care Specialist 5 years of experience with marine mammals

Bernice Stark, B.A., M.T. (ASCP)
Medical Technologist
7 years of experience with marine mammals

Sea World of Ohio 1100 Sea World Drive Aurora, Ohio 44202

> Stan W. Searles Curator of Mammals and Birds 15 years of experience with marine mammals

Dudley Wigdahl
Assistant Curator of Mammals and Birds
9 years of experience with marine mammals

G. William Hughes
Senior Animal Care Specialist
4 years of experience with marine mammals

Barbara Throssel Senior Animal Care Specialist 5 years of experience with marine mammals

Marcella Marquez Medical Technologist 8 years of experience with marine mammals Sea World of Florida 7007 Sea World Drive Orlando, Florida 32821

> Edward D. Asper Vice President/General Curator 24 years of experience with marine mammals

> W. Glenn Young, B.S. Assistant Curator of Mammals and Birds 11 years of experience with marine mammals

> Bob Wagoner Senior Animal Care Specialist 10 years of experience with marine mammals

Patrick W. Sassic, B.S. Supervisor of Animal Care 6 years of experience with marine mammals

Robin Friday Supervisor of Animal Care 4 years of experience with marine mammals

Gregory P. Case
Laboratory Supervisor
9 years of experience with marine mammals

Julie Ensor Senior Animal Care Specialist 4 years of experience with marine mammals

Steve Lehr Senior Animal Care Specialist 8 years of experience with marine mammals

Jayne Marsh Senior Animal Care Specialist 6 years of experience with marine mammals

Dave Orndorff Senior Animal Care Specialist 8 years of experience with marine mammals

Randy Runnells
Senior Animal Care Specialist
6 years of experience with marine mammals

D. O. Beusse, Jr., D.V.M.
Staff Veterinarian
ll years of experience with marine mammals

- See attached letter from Lanny H. Cornell, D.V.M. p. 11.
- C. 1. Sea World, San Diego, California 93-C-69

 Sea World, Aurora, Ohio OH-C-349

 Sea World, Orlando, Florida 58-EL-77
 - 2. No variances are required.
 - 3. Sea World, Inc. currently maintains the 3 largest marine mammal husbandry and public display facilities in the world. All specifications of Sea World's cetacean holding facilities are on file with the USDA and National Marine Fisheries Service Office of Marine Mammals and Endangered Species. These facilities are adequate for all the additional animals being requested in this application.
- D. Not Applicable.
- E. 1. Sea World, Inc.'s marine mammal inventory is currently on file with National Marine Fisheries Service and is kept up to date on their computer. All necropsy reports are also currently up to date and have been previously submitted or are in the process of preparation and will be submitted in a timely manner.



March 11, 1985

Director
National Marine Fisheries Service
U. S. Department of Commerce
Washington, D.C. 20235

Dear Sir:

This letter is to certify that I am a licensed veterinarian in the State of California and that I am knowledgeable in the field of marine mammal medicine and care.

I further certify that I have personally reviewed the arrangements for transport and care for the <u>Pseudorca crassidens</u> and that these arrangements are adequate to provide for the well being of the animals.

Respectfully submitted,

Lanny H. Cornell, D.V.M.

LHC.1d

23 4	U.S. ANIMAL AN				1. LICENSE NO.	2. PAGE										
	INSPECTION OF A	AISES			93	(DF .	1								
TYPE (Check one or specify) EXHIBITOR UCENSED DEALER HOLDING FACILITY REGISTERED RE							H SITE [4. DATE OF THE	1000						
0)	ectfy)				6. DATE OF LAS	> I	CTION .	2	1,	7. TIME						
IAME	& MAILING ADDRESS OF RESEARCH	,	9. LOCA	TION OR	ADDRESS OF PRI	MISES	T TIME O	F THIS I	NSPECTI) // O)						
20	EA WORL		(1) (1)	fferent fro	om Item 8)						2,32					
17	120 SOUTH	<u></u>			•						- ,					
51	AN DIEGO	9	7													
NAN	AE & ADDRESS OF VETERINARIAN FOR	FACILITY, SITE	OR PREMI	SE			WIT	H REGISTI	RAM OF VETER RANT'S OR LICEN PLANS SUBMITT	SEE'S C	ONSULTIN	G VETE	RINARIA	٧.		LANNE
21	2 Lanny (thei	,	DV	M		7			20 10 1	IL GODA	YES		NO 🗆		
40	esident ve	Lerir	1000	ar	1		IF "NO"	, GIVE RE	ASON							
_		DOGS	CATS		/	/	/	1	•	W CA	PTIVE WIL	D ANIM	ALS (Spec	ify)		
No. VS	dogs and cats listed on Form 18-5 this date	A	B	P. Market	Balline.	Kung	RABBITE		1 / 18	Misi	1		/	/	/	/
No.	animals inspected this date	12		c	-0-	E	-	G	1148	24	CA	-	- M -	- N -	-0-	18
AND	ARDS— If adequate; CIRCLE if deficient	nt (explain in ite	m 49; NA ft i	not applica	able.					7						
	14. Structural Strength	3.1	3.1	3.75	3.25	3.25	3.50	3.100	(3.10				3.100			
IAL	15. Water and electric power	3.1	3.1	3.75	3.25	3.25	3.50	3.100	7	V			3.100			
GENERAL	16. Storage of food & bedding	3.1	3.1	3.75	3.25	3.25	3.50	3.100	\	V					vi	-
	17. Waste Disposal	3.1	3.1	3.75	3.25	3.25	3.50	3.100	\	-			3.100	-		
L	18. Washrooms and sinks	3.1	3.1	3.75	3.25	3.25	3.50	3.100	\/\				3.100	0		
	19. Heating and temperature	3.2	3.2	3.76	3.26	3.26	3.51	3.100	3.10:	26			3.10	3		_
RO	20. Ventilation	3.2	3.2	3.76	3.26	3.26	3.51	3.100		V			3.10	3		
NDOOR	21. Lighting	3.2	3.2	3.76	3.26	3.26	3.51	3.100	V	. 7			3.10	0		
	22. Interior surfaces	3.2	3.2	3.76	3.26	3.26	3.51		3.10	V				Š		
1	Drainage	3.2	3.2	3.76				3.100	3.101	レ			3.10	07		
-	Shelter from sunlight	3.3	3.3	3.77	3.27		3.52	3.102	3.10.	3		1	3.102	20		
OUTDOOR	25. Shelter from rain or snow	3.3	3.3	3.77	3.27		3.52	3.102	7	W	9	<u>ੜੂ</u> ਨ੍ਹ	3.102	000		
g	26. Shelter from cold weather	3.3	3.3	3.77	3.27		3.52	3.102	V	V		7,5	3.102	0		
	27. Drainage	3.3	33	3,77	3.27		3.52	3.102	3.101	-		3	3.102	W X		
Y SES	28. General requirements	3.4	3.4	3.78	3.28	3.28	3.53		5,104	<u> </u>		4		\geq		
ENCLOSURES	29. Protection from predators	3.4	3.4	3.78		-	3.52		10.0		-	<u> </u>		×		
ENG	30. Additional requirements		3.4				3.52		3.104	+ ×		3		192		
/	31. Space requirements	3.4	3.4	3.78	3.28	3.28	3.53	3,103	3104			4	3.103	Z		
	32. Feeding	3.5	3.5	3.79	3.29	3.29	3.54	3.104	2010	7/	_ <	2	3.104	Ve		
	33. Watering	3.6	3.6	3.60	3.30	3.30	3.55	3.105	2.10	7	- 4	3	3.105	-5		
_	34. Sanitation 35. Cleaning	3.7	3.7	3.81	3.31	3.31	3.56	3.106	Y	V		E	3.106	3		
ANIMAL HEALTH	36. Housekeeping	3.7	3.7	3.61	3.31		3.56	3.106	1	V	7	9	3,106	201		
MAL H HUSB	37. Pest Control	3.7	3.7	3.61	3.31	3.31	3.56	3.106	V	V	300	Um		00		
AND	Employees	3.8	3.8	3.82	3.32	3.31	3.57	3.106	3.105	3/	700	0.	3.106	4		
	39. Classification & Separation	3.9	3.9	3.83	3.33	3.32	3.57	3.107	3.10	1	* 0 *	•	1108	-		
	40. Veterinary Care	3.10	3.10	3.84	3.34	3.34	3.59	3.109	2,111	1	3	5 4	3.109			
\	41. Handling	3.15			-			3.110	3.11	1	5	12	3.110			
	42. Vehicles	3.11	3.11	3 85	3.35	3.35	3.60	3.111	3.110	+1	7	= >	3.111			
DON	43. Transport Enclosures	3.12	3.12	3.86	3.36	3.36	3.61	3.112	3.11	3 1/	< :	< z	3.112			
TANSPORTATION	44. Food and Water	3.13	3.13	3 87	3.37	3.37	3.62	3.113	3-11-	5 1		2	3.113			
F	45. Care in transit	3 14	3 14	3 88	3.38	3.38	3.63	3.114	3-110	5 2	00	7-5	3.114			
	COMPLIANCE V	VITH REGULATION	ONS			YES	NO				EXPLAIN	IF "NO				
6 1		ed in compliance	9				1									
66. I	on 2.50 of the regulations?		e			V										

VS FORM 18-8 (NOV 76)

REPLACES VS FORM 18-8 (9/74) WHICH MAY BE USED

49. RECOMMENDATIONS (Refer to applicable item by number if more space is needed attach additional sheets)	r and give section numbers for items not in compliance; specify each corrective measure that must be taken for compliance—
Some small on in Commerso is free of poor core from 9	int scales; renovation (repainting) units birthing and neonatal heing closely (24 hr) monitored
50. PREVIABED & APPROVED BX (Signature of Determarian	or Inapector) 51. DATE 52. OFFICIAL STATION
SS. COPY OF INSPECTION REPORT RECEIVED (Signature) AM CONTINUE (Include of Signature)	1-29-85 SAN DIECO San Ysidro SA TITLE Curator of Mammals 1/29/85
27. PEVIEWED BY (Symanum)	DO. TYLE ER STATE
/S FORM 18-8 (Reverse)	\$ U.S. GOVERNMENT PRINTING OFFICE: 1980-632-089/40 REG.# 3-I

	and a required by the LT uSC 2131-2156) (time than \$1.000 or buth.	DE PARTMENT C	e veniciii	THE	FA	9			1. LICE	ENSE NO.	OR REGI	STRATIO	NO.	HM APPHI	2. PAC	iE	10-H3:	
	INSPECTION OF A	,		OH-C-3L9						OF 5. TIME								
PE	(Check one or specify)]			4. DAT	DATE OF THIS INSPECTION						E	-					
77	PED RESEARCH FACILITY	SEARCH	SITE []	7 - 27 - PU						C915							
THE	eri operity)									6-26-64						1030		
ME	Reutine		9. LOCATION OR ADDRESS OF PREMISES AT TIME OF THIS INSPEC (If different from Item 8)							NSPECTIO								
	Seaworla of Ohio																	
	1100 Seawerla Tri	Ye															11/6	
	Aurera, Chie Li	1202	00.0054	er.			44 LIAC	A PROG	DAM O	E VETERI	NADV II	EDICAL	CARE A	ND FLITH	ANASIA	BEEN P	LANN	
AM	Drs. R.O. Steven						WIT	REGISTI	2 THAF	OR LICEN	SEE'S C	INSUITIN	G VETE	RINAR!AN				
		is or n.n	. Ceri	ICII									YES	2	NO [
-	Sea World Corp.	į.			-		IE "NO"	GIVE REA	ASON									
_	Calif./Fla./Ohi	DOGS	CATS	1	-/	/	6/	1	117		CAI	PTIVE WIL	D ANIM	LS (Speci	fy)	7		
	dogs and cats listed on	· A	-8	PRIMA	P. C. W.	Kunga	R. Contraction of the State of	E		/	/AE	6/	/	/	/	/	/	
	Form 18-5 this date			-c-	- D -	- E -	F-	Ties Ties	/ - H —	41-	12	/ K-	L	-M-	Ln-	Lo-	4,	
	animals inspected this date	of (explain in its	m 492 NA H	not envice	bla			42			1						1	
IUA		3.1	3.1	3.75	3.25	3.25	3.50	3.106	,		2/1	1		3.100			Т	
	14. Structural Strength 15. Water and electric power	3.1	3.1	3.75	3.25	3.25	3.50	3.100	,		3.12	51		3.100				
GENERAL	16. Storage of food & bedding	3.1	3.1	3.75	3.25	3.25	3.50	3.100			1.17	50	-	5.100				
GER	17. Waste Disposal	3.1	3.1	3.75	3.25	3.25	3.50	3.100	-		3.1%	5	7	3.100			1.	
	18. Washrooms and sinks	3.1	3.1	3.75	3.25	3.25	3.50	3.108	,		3.12	61		3.100		,		
	19. Heating and temperature	3.2	3.2	3.76	3.26	3.26	3.51	3.108	-	-	3.1.	1		3.10				
	20. Ventilation	3.2	3.2	3.76	3.26	3.26	3.51	3.106	,	9	3.12	61		3.10			T	
NDOOR	21. Lighting	3.2	3.2	3.76	3.26	3.26	3.51	3.100			3.1%	4		3.10				
4	22. Interior surfaces	3.2	3.2	3.76	3.26	3.26	3.51											
	Drainage	3.2	3.2	3.76				3.106			E.11.	60		3.10	3			
	Shelter from sunlight	3.3	3.3	3.77	3.27		3.52	3.102			2.12	1/	-	3.102				
OUTDOOR	25. Shelter from rain or snow	3.3	3.3	3.77	3.27		3.52	3.102			3.12	11/		3.102			_	
OUT	26. Shelter from cold weather	3.3	3.3	3.77	3.27		3.52	3.102			3.12	11		3.102	,		ļ.	
	27. Drainage	3.3	3.3	3.77	3.27		3.52	3.102			3.12	1/		3.102				
S	28. General requirements	3.4	3.4	3.78	3.28	3.28	3.53	-									<u> </u>	
ENCLOSURES	29. Protection from predators	3.4	3.4	3.78			3.52						-				1	
ENCL	30. Additional requirements		3.4				3.52					2/					+	
,	31. Space requirements	3.4	3.4	3.78	3.28	3.28	3.53	3.103		-	2.1%	300		3.103			+	
	32. Feeding	3.5	3.5	3.79	3.29	3.29	3.54	3.104			3.12	01	-	3.104			-	
	33. Watering	3.6	3.6	3.80	3.30	3.30	3.55	3.105	,	-	-	-		3.105			-	
	34. Sanitation	3.7	3.7	3.81	3.31	3.31	3.56	3.106			3,13	10		3.106			-	
NORY	35. Cleaning	3.7	3.7	3.81	3.31	3.31	3.56	3.108			3.13	1/		3.106			-	
AND HUSBANDRY	36 Housekeeping	3.7	3.7	3.81	3.31	3.31	3.56	3.106	-	-	3.13	11		3.106			-	
AND	37. Pest Control	3.7	3.7	3.81	3.31	3.31	3.56	3.166			3,13	201		3.106		-	+	
	amployees	3.8	3.8	3.82	3.32	3.32	3.57	3.108			3.13	30		3.107			1	
	39. Classification & Separation 40. Veterinary Care	3.10	3.10	3.83	3.33	3.33	3.58	3.108			3.13	41		3.108			1	
\	41. Handling	9.10	50	5.04		5.54	5.55	3.146			3.13	50		3.110				
	42. Vehicles	3.11	3.11	3.85	3.35	3.35	3.60	3.14			3.13	et		3.111				
NO	43. Transport Enclosures	3.12	3.12	3.86	3.36	3.36	3.61	3.132			3.13	1/		3.112				
TATION	44. Food and Water	3.13	3.13	3.87	3.37	3.37	3.62	3.113			315	10		3.113				
	45. Care in transit	3.14	3.14	3.88	3.38	3.38	3.63	3.11			3.19	10		3.114				
i. 1	COMPLIANCE V	WITH REGULATION			<i>f</i> -	YES	NO					EXPLAI	IF "NO					
- 1	non 2.50 of the regulations?				4	YCI									-		-	
	sections 2.75 and 2.76 of the regulations				-	1					-							

This switty -	-mett	CFR T	-trichings	
	-			
White sided dilph	· · ·	2	· · · · ·	
(P) Cottlebesed tolphio				1/4
		2	* * *	1 1 40
(A)		5	,	الد د ا
littuga whale		2	*	
FINDIPERIA:		23	* , .	
Offer				:
,	,	37 7	's lal	e militari
100 He all				- 50
4				
		ì		- 27
				Dic.
		- Proposition of the last	- Third Control	790
				- Auda
				* 4
The second second second second	M11 C (153	3	2-1	7.1744

				1 284
-	~		5.465.753	左州 中
				- +-10-by
			•	
		-	•	
		1400		
50. PREPARED & APPROVED BY (Signature of Vertinarian en Laspester)	51. DATE	52. DEFICIAL STATIC		
50. PREPARED & APPROVED BY (Signature of Venezinarian or Saspector)	7.27	52. OFFICIAL STATIC	I, chi	
50. PREPARED & APPROVED BY (Signatur of Vereinarian Sappetor)	7 - 2 7	1.84 Ema	M. Clair 55 DATE	
0. PREPARED & APPROVED BY (Signatur of Vertinarian Lappetor)	7.27	1.84 Ema	I, chi	4
O. PREPARED & APPROVED BY (Signature of Ventrinarian Langestor) (3. COPY OF INSPECTION REPORT RECEIVED (Signature)	2-27 54. TIME W.S.T	. Consta	M. Clair 55 DATE	4
SO. PREPARED & APPROVED BY (Signature of Vereinarian en Laspector) SO. COPY OF INSPECTION REPORT RECEIVED (Signature) SO. COMMENTS OR INSTRUCTIONS BY REVIEWER (Include corrective action taken of	2-27 54. TIME W.S.T	Curata Curata	55 DATE 1/27/8	4
60. PREPARED & APPROVED BY (Signature of Vertinarian of Catorston) S. COPY OF INSPECTION REPORT RECEIVED (Signature) 66. COMMENTS OR INSTRUCTIONS BY REVIEWER (Include corrective action taken to	54. TITLE WAT on deficiencies at last in	Curata Curata	55 DATE 1/27/8	4
IO. PREPARED & APPROVED BY (Signature) of Vertinarian Caspector) (INCLUDED CASPECTION REPORT RECEIVED (Signature) (Include corrective action taken of the contractive action actio	2-27 54. TIME W.S.T	Curata Superior	55 DATE 1/27/8	4
PREPARED & APPROVED BY (Signature of Venerinarian of Langestor) COPY OF INSPECTION REPORT RECEIVED (Signature) COMMENTS OR INSTRUCTIONS BY REVIEWER (Include corrective action taken of the contractive action taken a	54. TITLE WAT on deficiencies at last in	Curata Curata	55 DATE 1/27/8	4
6. COMMENTS OR INSTRUCTIONS BY REVIEWER (Include corrective action taken of	54. TITLE WAT on deficiencies at last in	Curata Curata	55 DATE 1/27/8	4
8. COMMENTS OR INSTRUCTIONS BY REVIEWER (Include corrective action taken of	54. TITLE WAT on deficiencies at last in	Curata Superior	55. DATE 1/27/8	4
O. PREPARED & APPROVED BY (Signature) of Vertinarian Caspector) (Include Corrective action taken (O. PREPARED & APPROVED BY (Signature) O. COMMENTS OR INSTRUCTIONS BY REVIEWER (Include corrective action taken (54. TITLE WAT on deficiencies at last in	Curata Curata	55. DATE 1/27/8	4
O. PREPARED & APPROVED BY (Signature) of Vertinarian Caspector) (Include Corrective action taken (O. PREPARED & APPROVED BY (Signature) O. COMMENTS OR INSTRUCTIONS BY REVIEWER (Include corrective action taken (54. TITLE WAT on deficiencies at last in	Curata Curata	55. DATE 1/27/8	4
SO. OPPEPARED & APPROVED BY (Signature of Ventrinarian or Canpector) SO. COPY OF INSPECTION REPORT RECEIVED (Signature) SO. COMMENTS OR INSTRUCTIONS BY REVIEWER (Include corrective action taken of	54. TITLE WAT on deficiencies at last in	Curata Curata	55. DATE 1/27/8	4
60. PREPARED & APPROVED BY (Signature of Vereinarian of Caspetor) S. COPY OF INSPECTION REPORT RECEIVED (Signature) 66. COMMENTS OR INSTRUCTIONS BY REVIEWER (Include corrective action taken of	54. TITLE WAT on deficiencies at last in	Curata Curata	55 DATE 1/27/8	4
50. PREPARED & APPROVED BY (Signature of Vereinarian of Lappetor) 53. COPY OF INSPECTION REPORP RECEIVED (Signature) 54. COMMENTS OR INSTRUCTIONS BY REVIEWER (Include corrective action taken of	54. TITLE WAT on deficiencies at last in	Curata Curata	55 DATE 1/27/8	4
50. PREPARED & APPROVED BY (Signature of Vertinarian Laspector) SS. COPY OF INSPECTION REPORT RECEIVED (Signature) SS. COMMENTS OR INSTRUCTIONS BY REVIEWER (Include corrective action taken of	54. TITLE WAT on deficiencies at last in	Curata Curata	55 DATE 1/27/8	4
50. PREPARED & APPROVED BY (Signature of Verrinarian of Lapprotor) (3. COPY OF INSPECTION REPORT RECEIVED (Signature) 58. COMMENTS OR INSTRUCTIONS BY REVIEWER (Include corrective action taken of	54. TITLE WAT on deficiencies at last in	Curata Curata	55 DATE 1/27/8	4
50. PREPARED & APPROVED BY (Signature of Vertinarian Laspector) SS. COPY OF INSPECTION REPORT RECEIVED (Signature) SS. COMMENTS OR INSTRUCTIONS BY REVIEWER (Include corrective action taken of	54. TITLE W.S.T. on deficiencies at last in	Curata Curata	55 DATE 1/27/8	4

A CONTRACT OF THE

An HECCASSES MOATICALS (Refer to applicable item by number and give section numbers for items not in c

10- 1	ore then \$1,000 or both.	PARTMENT	P mornicula	TEIRE		Map .	* ,000	n 477	Tiuc	EMSE NO	ORDEC	ETBATE	-	HM APPH	2 PM		0-R2 29
	Panysess Mass Store						-		- 0	58.	· E	۷-		7		1	-
EXH	RBITOR LICENSED DEAL	en []	HOLD	ING FAC	CALST E	SEARC	H SITE					1/2	37		17.	-	***
	en daniel					*)			+3	TEOFLA		3-	82		1	4	HA.
NAME	SEA WORKS	a Loc	B. LOCATION OR ADDRESS OF PREMISES AT TIME OF THIS INSPECTION (If different from June 8)														
	7007 50				440	des de	. 30	7577		ibr:		m46	g mua	-	ation is	4	
D. HAN	ORAMANO					erilas	11 MAS	A PRO	SPAM C	E VETER	MIARY I	METHICAL	CARE A	ND EVTH	AIRANA	BEEN P	ANNED
1 .7	De Do Be	USSE			, ,,,,,		ANG	H REGIST	N PLANS		TED TO T	HE USDA	VETERH		NO E	-	
* : 	DOLANIE - BLOSS	From	-		280		IF NO	GIVE RE	HORA	- /	no.	-		****			#T-
	CREATITION	DOGS	CATE	وساردور	-/	/	» /	: 4	MARI	NE M	AMMAI	s/	CAPT	IVE W	ILD	ANIM	ALS
Na.	days and cate timeston. Form 19-5 this date:	A.2" (F)	77	1	18	1	1	of the	Mul	E ON	/	1	/	90	/-	/	-/
	animals imported this date		7 -	-c-	-0-	-	-	28	49	6'-	f	f *-		8	- N -	10-	f-p-
TANDA	ARDS— IP III adequate; CIRCLE II deficient fo	explain in its	4 492 NA 8	not applic	abin. =L	,	-	1	1	1				/			
1	14. Structural Strength	2.1	2.1	2.75	: 3.25	3.25	3.50	3,1d	1	W.	4.1			V125			18
MERAL	15. Water and electric power 16. Stringe of food & bodding	2.1	2.1	8.75	3.25	3.25	3.50	3.101				ri ale		1.125	-		•
9	17. Waste Diagonal	3.1	3.1	2.75	3.25	3.25	3.50	.10					2020 00	1.625	-		
- 1	18. Washrenna and sinks	2.1	3.7	2.75	3.25	3.25	9.50	8.101			n +	~10%		3.625	-		
	19. Hasting and tomperature	C- 32	3.2	3.76	3.26	3.26	3.51	8./02	100	1				3.626			
B 100	20. Vestiletica	3.2	3.2	3.76	3.25	3.26	3.51	3.0			pår			5.DC			
2 2	21. Lighting	3.2	3.2	3.76	3.26	3.26	3.51	3,101						3.50			
L	SA. Droisage	2.2	3.2	3.76	4			¥.101	1		-	107		126	-		
-	34. Shelter from sonlight	2.5	8.3	2.77	3.27	44	3.52	3./03		-	-		-PE	127	-		-
Property	25. Shelter from rain or mew	2.3	3.5	2.77	. 3.27		3.52	8.63	1-1		A 1-10	14	-	9.67			
°	26. Shelter from sold weether 27. Drainings	2.3	33	3.77	3.27		3.52	3.103 3.101		-	-			ה בנו		•	
	29. Governi requirements	8.4	3.4	2.70	3,26	3.26	3.53	3,10		38	1960	7		100	***	1	
DSUFFE	28. Protection from produtors	- 34	. 34	2.70	100		3.52						975			A Grande	7.0
ENCLOS	30. Additional requirements		3.4				3.52	1.104			* Second						
/	91. Space requirements	3.4	184 t	2.79	3.20	3.25	3.63	3.100	27.0			. 3	10.0	17	- 24-	3000	pā.
	23. Watering	. 23	2.5	3.80	8.20	3.20	3.55	3.106			BI 2E A	trak a	25.	1.130		- 1/2	
	34. Societion 4	2.7	3.7 3	3.81	231	2.31	3.56	5 10]						131		-	
DAY.	St. Cleaning	3.7	2.7	3.81	231	3.31	2.56	3 107	-	-				131		-:	-4"
ANNUL HEALTH AND HUSBANDHY	34. Househousing	2.7	2.7	3.91	3.31	3.31	3.54	107					स क्षेत्री स्टब्स	.131			
AND	37. Post Omised	2.7	2.5	3.82	3.31	2.21	2.98	101	7.	-	the of the	dan hay		12			
	36. Classification & Separation	-20	8.0	2.63	3.33	3.33	2.50	107		·		न्यांक्रां व	2.2 2.2	3.133		. :	.2
	40 Voterinary Care	3.10	2.10	2.04	2.31	3.34	1.90	110			·	0.00		3.134	* 42	*	7
1	41. Hending	C Service 2		25	. 1			111	191	· ····································	সমস্কু ! দল		-75.18	3.134	- 1-		
Śz.	Q. Volumes	2.11	2.11	2.85	3.36	2.25	280	3.114		g tales	7 5	San de		3.157		-	-
TATION	44. Peed and Water - American College	2.12	3.12	3.65	3.36	2.37	3.61	3-113 3-115	,		Maria Co	righterin	=	5.139	. 42	p. X	
3	45. Core in transit	2.14	2.14	3.88	139	2.25	3.63	3.116		-		speller v _{al} z		140	. 1.4	accessor or day	
	COMPLIANCE WITH identification of animals being conducted in ith Section 2.50 of the regulations?	ALTERNATION OF THE PARTY OF THE	NS -	773		VE	MO mi #		- Sep	dia.	A TOP	EXPLAN	I IF THO	, tetan	-	. p	
47. Ar	ith Section 2.30 of the regulations? re records being kept in the manner prescri- ections 2.75 and 2.76 of the regulations?	bed in .	to descriptions	um overh		·			in State State in	ga. s		resident sie ers, o		man . Frie	- "41		
48. Ar	re dogs and case being held the number of d Section 2.101 of the regulations?	ays required	Charles	.2 2	A	A,				F 1.73	. Lev. Jr	1		Ame	1		2

ではいま

Mortalities since the date of Sea World's last permit application have been minimal and, for the most part, occurred in animals which have chronic internal problems. All of these mortalities were, for the most part, not unexpected. Many of these mammals had been treated over long periods of time utilizing the latest techniques with regard to the state of the art, and representing thousands of dollars in expenditures by Sea World for medication, equipment and diagnostic tests. It should be noted that each animal at Sea World undergoes periodic routine physical examinations using the latest laboratory techniques including blood chemistry analyses and other specific diagnostic tests to insure the animals' current health and well being.

Most of these marine animals come to us with chronic disease problems that may not be evident for some time after their collection. disease problems include severe parasitic infestations of various organs of the including the lungs, heart, liver, intestine, pancreas and the brain as well. It is often difficult, and sometimes impossible, to rid the animals of these parasitic problems without leaving even more damage in the animal's body as a result of the destroyed parasites. Most of the animals with severe problems would probably die in It is possible, in fact, that many of the wild. these animals, because they are in a controlled environment and are treated for their ailments, are able to live longer than they would be able to in the wild. Obviously, not all of the deaths that occur are related to chronic problems. Steps that are taken to prevent illness and death in our display animals make up an intensive preventative medicine program, which includes vaccinations, routine physical examinations, research on disease forms and constant therapeutic improvements.

Sea World has in the past, and will in the future, maintain the highest standard of animal husbandry and medical care for the animals whose lives are our sole responsibility. In addition, Sea World has in the past, and will in the future, provide many specimens with surroundings conducive to reproduction.

VIII. Certification:

"I hereby certify that the foregoing information is complete, true, and correct to the best of my knowledge and belief. I understand that this information is submitted for the purpose of obtaining a permit under the Marine Mammal Protection Act of 1972 (16 U.S.C. 1361-1407) and regulations promulgated thereunder, and that any false statement may subject me to the criminal penalties of 18 U.S.C. 1001, or to penalties provided under the Marine Mammal Protection Act of 1972."

IX.

Lanny H. Cornell, D.V.M.

Vice President/Zoological Director

Sea World Enterprises, Inc.